

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A communication control network, comprising:

a mobile phone; and

a directory server remote from said mobile phone, comprising:

a storage unit ~~which stores a directory of records, each record comprising data of a contact~~configured to store records in a replica directory, each of said records including a contact and an indicator which indicates whether a connection to the contact is permitted; and

a communication control unit, ~~which refers to the~~configured to refer to the replica directory to determine whether or not a requested connection of a contact to said mobile phone is permitted, ~~and which transmits a response indicative of permission or non-permission of the connection.~~

2. (currently amended): The communication control network according to claim 1, wherein said mobile phone comprises:

a storage unit, ~~which stores the directory of records~~configured to store records in a directory, each record comprising at least a name, a phone number, or an e-mail address of a

~~contact, such that the directory of records stored in said directory server is a replica of the directory of records stored in said mobile phone;~~

an operation section, ~~which generates~~ configured to generate an upload instruction in response to an operation by a user of said mobile phone; and

a transmitting section, ~~which transmits~~ configured to transmit the records in the directory ~~of records~~ from said mobile phone to said directory server in response to the upload instruction, such that the records in the directory ~~of records~~ of said mobile phone is stored in said directory server as ~~a replica directory of records~~ said records in said replica directory.

3. (currently amended): The communication control network, according to claim 2, wherein:

~~a group of records of the~~ each record in said directory of said mobile phone includes an edit flag;

said mobile phone further comprises an editing section, ~~which edits the group of~~ configured to edit at least one of said records including and to set the edit flag in the edited records in response to an operation by the user; and

said transmitting section of said mobile phone ~~transmits the records of the group including the edit flag~~ is configured to transmit the edited records to said directory server in response to the upload instruction such that the ~~group of edited records including the edit flag~~ are stored as records in part of said replica directory of records in said directory server.

4. (cancelled).

5. (currently amended): The communication control network, according to claim 1, wherein said mobile phone comprises:

a storage unit;

an operation section, ~~which generates~~ configured to generate a download instruction in response to an operation by a user of said mobile phone;

a transmitting section ~~which transmits~~ configured to transmit said download instruction to said directory server; and

a receiving section, ~~which receives, as a duplicate directory of records, configured to receive at least part of the records in said directory of records which is accessed from said storage unit of said directory server~~ in response to the download instruction;

wherein each record comprises at least a name, a phone number, or an e-mail address of a contact.

6. (currently amended): The communication control network, according to claim 1, wherein:

the requested ~~communication connection~~ is for a phone call;

each record, stored in the replica ~~directory of records~~ of said directory server, comprises a phone number of a contact;

~~and~~said indicator comprises a non-permission flag, which is set when a phone call from the corresponding contact should not be connected to said mobile phone and which is reset when a phone call from the corresponding contact should be connected to said mobile phone; and
said communication control network further comprises:

a switching apparatus ~~which connects~~configured to connect a phone call from a contact ~~when a permission response is received from said communication control unit, and which discards a phone call from a contact when a non-permission response is received from said communication control unit.~~to said mobile phone if said communication control unit determines that the connection is permitted and to discard a phone call from a contact if said communication control unit determines that the connection is not permitted.

7. (previously presented): The communication control network, according to claim 1, wherein:

the requested connection is for an e-mail;

each record, stored in the replica directory ~~of records~~ of said directory server, comprises an e-mail address of a contact;

~~and~~said indicator comprises a non-permission flag, which is set when an e-mail from the corresponding contact should not be delivered to said mobile phone, and which is reset when an e-mail from the corresponding contact should be delivered to said mobile phone; and

said communication control network further comprises:

a mail server ~~which delivers~~ configured to deliver an e-mail from a contact ~~when a permission response is received from said communication control unit, and which discards an e-mail from a contact when a non-permission response is received from said communication control unit.~~ to said mobile phone if said communication control unit determines that the connection is permitted and to discard an e-mail from a contact if said communication control unit determines that the connection is not permitted.

8. (currently amended): A mobile phone, comprising:

a storage unit, ~~which stores a directory of records~~ configured to store records in a directory, each record comprising ~~at least a name, a phone number, or an e-mail address of information regarding a contact and an indicator which indicates whether a connection by the contact is permitted;~~

~~an operation section, which generates~~ configured to generate an upload instruction ~~in response to an operation by a user of said mobile phone; and~~

a transmitting section, ~~which transmits~~ configured to transmit the records in the directory ~~of records to a directory server in a communication control network~~ remote from the mobile phone to be stored therein as records in a replica directory of records ~~in response to said upload instruction.~~

9. (currently amended): The mobile phone, according to claim 8, wherein:

~~a group of the directory~~ each record stored in said storage unit includes an edit flag;

said mobile phone further comprises an editing section ~~which edits the group~~
~~of~~ configured to edit at least one of said records including and to set the edit flag in the edited
records in response to an operation by the user; and

said transmitting section ~~transmits the~~ is configured to transmit the edited records ~~of the~~
~~group including the edit flags~~ to said directory server in the communication control network in
response to the upload instruction, such that the ~~group of~~ edited records ~~including the edit flag~~
~~is~~ are stored as ~~part of the~~ records in the replica directory ~~of records in~~ said directory server.

10. (cancelled).

11. (currently amended): The mobile phone according to claim 8, wherein
said operation section ~~generates~~ is configured to generate a download instruction in
response to an operation by the user;

said transmitting section ~~transmits~~ is configured to transmit the download instruction to
~~and the directory server in the communication control network; and~~

the mobile phone further comprises a receiving section, ~~which receives~~ configured to
receive at least one of the records in the replica directory of records from said directory server ~~in~~
~~the communication control network~~ in response to the download instruction.

12. (currently amended): A directory managing system, comprising:
a mobile phone, comprising:

a storage unit, ~~which stores~~ configured to store records in a directory of records,
each record comprising ~~at least a name, a phone number, or an e-mail address~~
~~of~~ information regarding a contact and an indicator which indicates whether a connection
by the contact is permitted,

an operation section, ~~which generates~~ configured to generate an upload instruction
~~in response to an operation by a user of said mobile phone, and~~

a transmitting section; and

a directory server, which stores records in a replica directory of records;

wherein said transmitting section ~~transmits~~ is configured to transmit the records in the
directory ~~of records~~ from said mobile phone to said directory server, to be stored therein as the
replica directory of records, in response to the upload instruction.

13. (currently amended): The directory managing system according to claim 12,
wherein:

~~a group of records of the directory~~ each record stored in said storage unit ~~of said mobile~~
~~phone~~ includes an edit flag;

said mobile phone further comprises an editing section ~~which edits the group~~
~~of~~ configured to edit at least one of said records including and to set the edit flag in the edited
records in response to an operation by the user; and

said transmitting section ~~of said mobile phone transmits the~~ is configured to transmit the
edited records of the group including the edit flag to said directory server in response to the

upload instruction, such that the ~~group of~~edited records ~~including the edit flag is~~are stored as part
~~of~~records in the replica directory ~~of records in~~ said directory server.

14. (cancelled).

15. (currently amended): The directory managing system according to claim 12,
wherein:

said operation section ~~generates~~is configured to generate a download instruction ~~in~~
~~response to an operation by the user~~; and

said transmitting section ~~transmits~~is configured to transmit the download instruction to
said directory server;

said mobile phone further comprises a receiving section, ~~which receives~~configured to
receive at least one of the records in the replica directory of records from said directory server in
response to the download instruction; ~~and~~

~~each of the records comprises at least a name, a phone number, or an e-mail address of a~~
~~contact.~~

Claims 16-22. (canceled).

23. (currently amended): A communication control method, comprising:
in response to a communication request from a contact, referring to records in a directory
~~of records~~, each record comprising data of a contact, ~~to determine whether or not a~~
~~connection~~ and an indicator which indicates whether a communication with the contact is
permitted;
determining whether or not the communication with the contact is permitted; and
connecting a communication from the contact ~~if the connection is permitted, and/or~~
discarding the communication from the contact ~~if the connection is not permitted~~ based on the
determination.

24. (previously presented): The communication control method, according to claim 23,
wherein each record comprises at least a name, a phone number, or an e-mail address of a
contact.

25. (currently amended): The communication control method, according to claim 23,
wherein the requested communication ~~request~~ is a phone call from a contact.

26. (currently amended): The communication control method, according to claim 23,
wherein the requested communication ~~request~~ is an e-mail from a contact.

27. (currently amended): A method of creating records in a directory ~~of records~~,
comprising:

inputting at least one record into a storage unit in a mobile phone, the record including a
contact and an indicator indicating whether communication from the contact is permitted;

transmitting, via an antenna in the mobile phone, the records stored in the storage unit of
the mobile phone to a telephone directory server ~~in a communication control network~~ remote to
the mobile phone;

uploading the ~~records~~ at least one record to the telephone directory server, thereby
creating records in a replica directory ~~of records~~.

28. (cancelled)

29. (new): The mobile phone according to claim 8, wherein the information regarding a
contact comprises at least a name, a phone number, or an e-mail address of the contact.

30. (new): The mobile phone according to claim 8, wherein said operation section is
configured to generate said upload instruction in response to an operation by a user of said
mobile phone.

31. (new): The directory managing system according to claim 12, wherein the information regarding a contact comprises at least a name, a phone number, or an e-mail address of the contact.

32. (new): The directory managing system according to claim 12, wherein said operation section is configured to generate said upload instruction in response to an operation by a user of said mobile phone.

33. (new): The directory management system according to claim 15, wherein said operation section is configured to generate said download instruction in response to an operation by the user of said mobile phone.

34. (new): A server of a communication control network, comprising:
a storage unit configured to store records in a replica directory for a mobile phone remote from the server, each record including a contact and an indicator which indicates whether a connection to the contact is permitted; and
a communication control unit configured to refer to the replica directory to determine whether or not a requested connection of a contact to the mobile phone is permitted.

35. (new): The server according to claim 34, wherein the records stored in the replica directory are uploaded from the mobile phone.

36. (new): The server according to claim 34, wherein the records stored in the replica directory are downloaded to the mobile phone.

37. (new): The server according to claim 34 wherein the requested connection is a phone call or an e-mail.

38. (new): A server of a communication control network, comprising:
a storage unit configured to store records in a replica directory for a mobile phone remote from the server; and
a communication control unit configured to refer to the replica directory to determine that a requested connection of a contact to the mobile phone is not permitted, where the contact is included in the replica directory.